



IFW

03068.001000

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ERNESTO JULIO CALVO ET AL.

Appln. No.: 10/775,086

Filed: February 11, 2004

For: **METHOD OF USING INTRINSICALLY
CONDUCTIVE POLYMERS WITH INHERENT
LUBRICATING PROPERTIES, AND A
COMPOSITION HAVING AN INTRINSICALLY
CONDUCTIVE POLYMER, FOR PROTECTING
METAL SURFACES FROM GALLING AND
CORROSION**

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: Examiner: Unassigned
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: May 25, 2004
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MS: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. This application corresponds to co-pending U.S. application 10/682,520 (03068.001400) filed October 10, 2003.

The Examiner's attention is directed to the co-pending U.S. application,
copy enclosed, as follows:

<u>Appln. No.</u>	<u>Inventors</u>	<u>Filing Date</u>	<u>Atty. Dkt.</u>
10/682,520	D. Dell'Erba G. Carcagno	10/10/03	03068.001400

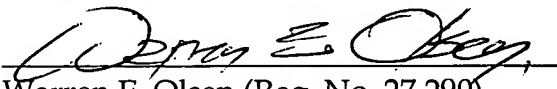
Please note that the priority application for that co-pending application,
RM2002A00512, was published as WO 2004/033951 A1 on April 22, 2004 and is
included herein.

CONCLUSION


It is respectfully requested that the above information be considered by
the Examiner, and that a copy of the enclosed Form PTO-1449 be returned indicating
that such information has been considered. No fee is required.

Applicants' undersigned attorney may be reached in our Washington,
DC office by telephone at (202) 530-1010. All correspondence should now be directed
to our below-listed address.

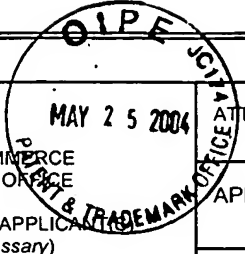
Respectfully submitted,


By: Warren E. Olsen (Reg. No. 27,290)

Attachment: PTO-1449
FITZPATRICK, CELLA, HARPER & SCINTO
Customer No.: 05514
30 Rockefeller Plaza
New York, New York 10112-3801
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Sheet 1 of 2				FORM PTO 1449 (modified)		ATTY DOCKET NO. 03068.001000		APPLN. NO. 10/775,086	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				APPLICANT ERNESTO JULIO CALVO ET AL.					
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				FILING DATE FEBRUARY 11, 2004				GROUP	
Date Submitted to PTO: MAY 25, 2004									
U.S. PATENT DOCUMENTS									
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	A	6,679,526	01/20/04	YAMAMOTO ET AL.	285	55			
	B	6,500,544	12/31/02	TIITU ET AL.	428	413			
	C	6,027,145	02/22/00	TSURU ET AL.	285	94			
	D	5,980,723	11/09/99	RUNGE-MARCHESE ET AL.	205	316			
	E	5,567,355	10/22/96	WESSLING ET AL.	252	500			
	F	5,519,111	05/21/96	MACDIARMID ET AL.	528	422			
	G	5,407,590	04/18/95	SALVIA	252	12			
	H	4,692,988	09/15/87	SHULVER ET AL.	29	458			
	I	4,630,849	12/23/86	FUKUI ET AL.	285	55			
	J	4,414,247	11/08/83	HÜBECKER ET AL.	427	230			
	K	2002/0114940	08/22/02	CLEMENS ET AL.	428	318.4			
	L	2003/0144158	07/31/03	PETELOT	508	318			
	M	2002/0197468	12/26/02	SINKO	428	336			
	N	2002/0166770	11/14/02	KIMPEL ET AL.	204	478			
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT		
	O	520538	04/02/82	AU	F16B	33/06	YES		
	P	WO 01/16516	03/08/01	PCT	F16L	15/04	YES		
	Q	1,258,513	11/20/02	EP	C09D	179/02	YES		
	R	WO 02/18522	03/07/02	PCT	C10M	169/00	YES		
	S	1,218,100	06/02/99	CN	C10M	103/06	YES		
	T	2004/033951	04/22/04	PCT	F16L	58/18	YES		
EXAMINER					DATE CONSIDERED				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 2		
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		 ATTY DOCKET NO. 03068.001000 APPLN. NO. 10/775,086
Date Submitted to PTO: MAY 25, 2004		APPLICANT ERNESTO JULIO CALVO ET AL. FILING DATE FEBRUARY 11, 2004 GROUP
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)		
U		DEBERRY, "MODIFICATION OF THE ELECTROCHEMICAL AND CORROSION BEHAVIOR OF STAINLESS STEELS WITH AN ELECTROACTIVE COATING", JOURNAL OF THE ELECTROCHEMICAL SOCIETY, 132(5), 1985, pp. 1022-1026.
V		GASPARAC ET AL., "INVESTIGATIONS OF THE MECHANISM OF CORROSION INHIBITION BY POLYANILINE", JOURNAL OF THE ELECTROCHEMICAL SOCIETY, 148(4), 2001, pp. B138-B145.
W		WESSLING, B., "SCIENTIFIC AND COMMERCIAL BREAKTHROUGH FOR ORGANIC METALS", SYNTHETIC METALS 85 (1997), pp. 1313-1318.
X		LU ET AL., "CORROSION PROTECTION OF MILD STEEL BY COATINGS CONTAINING POLYANILINE", SYNTHETIC METALS, 71 (1995), pp. 2163-2166.
Y		CAMALET ET AL., "ELECTRODEPOSITION OF PROTECTIVE POLYANILINE FILMS ON MILD STEEL", JOURNAL OF ELECTROANALYTICAL CHEMISTRY, 416 (1996), pp. 179-182.
Z		RAJAGOPALAN ET AL., "PRETREATMENT AND COATING OF LOW CARBON STEEL USING CONSTANT POTENTIAL ELECTROCHEMICAL PROCESS", and "CORROSION PERFORMANCE OF POLYANILINE - POLYPYRROLE COMPOSITE COATINGS APPLIED TO LOW CARBON STEEL", SURFACE ENGINEERING 18 (1), 2002, pp. 53-63.
AA		KRALJIC ET AL., "INHIBITION OF STEEL CORROSION BY POLYANILINE COATINGS", CORROSION SCIENCE 45 (2003), pp. 181-198.
BB		PONZIO ET AL., "REMOVAL OF N-METHYLPYRROLIDONE HYDROGENBONDED TO POLYANILINE FREE-STANDING FILMS BY PROTONATION-DEPROTONATION CYCLES OR THERMAL HEATING", POLYMER INTERNATIONAL 50 (2001) pp. 1180-1185.
CC		CAO ET AL., "INFLUENCE OF CHEMICAL POLYMERIZATION CONDITIONS ON THE PROPERTIES OF POLYANILINE", POLYMER, VOL. 30, (1989), pp. 2305-2311.
DD		STEJSKAL ET AL., "IN-SITU POLYMERIZED POLYANILINE FILMS", SYNTHETIC METALS, 105 (1999), pp. 195-202.
EE		SUN ET AL., "CHEMICAL POLYMERIZATION OF ANILINE WITH HYDROGEN PEROXIDE AS OXIDANT", SYNTHETIC METALS 84 (1997), pp. 99-100.
FF		MATTOSO ET AL., "CONTROLLED SYNTHESIS OF HIGH MOLECULAR WEIGHT POLYANILINE AND POLY (O-METHOXYANILINE)", SYNTHETIC METALS, 68 (1994), pp. 1-11.
GG		SINGH ET AL., "TRANSPORT AND STRUCTURAL PROPERTIES OF POLYANILINE DOPED WITH MONOVALENT AND MULTIVALENT IONS", POLYMER, VOL. 38, NO. 19 (1997), pp. 4897-4902.
HH		GENIES ET AL., "POLYANILINE: A HISTORICAL SURVEY", SYNTHETIC METALS, 36 (1990), pp. 139-182.
II		STEJSKAL ET AL., "POLYANILINE. PREPARATION OF A CONDUCTING POLYMER", PURE APPLIED CHEMISTRY, VOL. 74, NO. 5 (2002), pp. 857-867.
JJ		YUE ET AL., "EFFECT OF SULFONIC ACID GROUP ON POLYANILINE BACKBONE", JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 113 (1991), pp. 2665-2671.
KK		HWANG ET AL., "STRUCTURES AND PROPERTIES OF THE SOLUBLE POLYANILINES, N-ALKYLATED EMERALDINE BASES", SYNTHETIC METALS 92 (1998) pp. 39-46.
LL		SALAVAGIONE ET AL., "SYNTHESIS OF A SELF-DOPED POLYANILINE BY NUCLEOPHILIC ADDITION", ACTA POLYM. 50 (1999), pp. 40-44.
EXAMINER		DATE CONSIDERED

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